Oregano Systems

VoIP Intercom II PoE - Demonstration Kit

User Manual

Version 1.2 – January 4th 2012

Oregano Systems – Design & Consulting GesmbH

Franzosengraben 8, A-1030 Vienna
Tel: +43 (0676) 84 31 04-200
Fax: +43 (1) 253 30 33-6162

E-Mail: contact@oregano.at
Web: http://oregano.at

Copyright

Copyright © 2009-2012 Oregano Systems – Design & Consulting GesmbH

ALL RIGHTS RESERVED. Oregano Systems does not assume any liability arising out of the application or use of any product described or shown herein nor does it convey any license under its patents, copyrights, or any rights of others. Oregano Systems reserves the right to make changes, at any time, in order to improve reliability, function or design. Oregano Systems will not assume responsibility for the use of any circuitry described herein.

All trademarks used in this document are the property of their respective owners.

Table of Contents

VoIP Intercom II PoE - Demonstration Kit 1
User Manual 1
Copyright 2
Table of Contents 3
1. Introduction 4
2. Demo Kit Contents 4
3. Assembling Description 5
4. Additional Information 7

1. Introduction

This manual describes the VoIP Intercom II PoE demonstration kit and its assembling. The instructions for using the VoIP Intercom II PoE board are described in detail in a separate document: “VoIP Intercom II Board Administrator Guide”

2. Demo Kit Contents

The VoIP Intercom II PoE demonstration kit is made up of the following parts:

- 1x VoIP Intercom II PoE board
- 1x power supply unit equipped with international mains plug(s)
- 1x serial cable
- 1x keyboard
- 1x microphone
- 1x speaker
- 1x jumper

Copyright © 2009-2012 Oregano Systems

3. Assembling Description

The following figures describe the assembling of one demonstration kit. Figure 1 and Figure 2 give an overview of one kit with its parts:

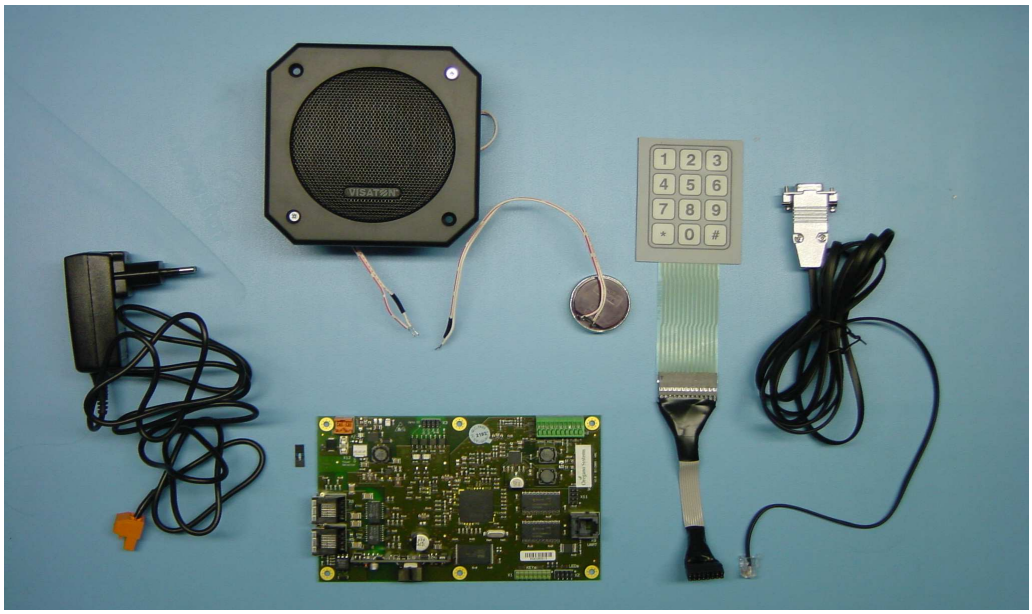

Figure 1: VoIP Intercom II PoE demonstration kit: contents

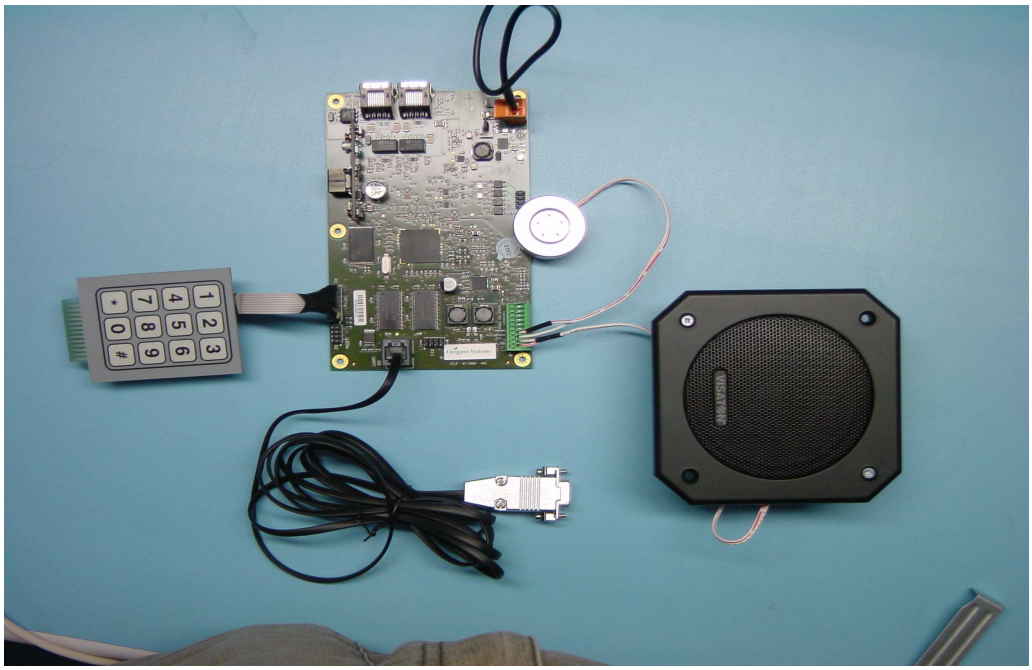

Figure 2: Assembled VoIP Intercom II PoE demonstration kit

Copyright © 2009-2012 Oregano Systems

Figure 3 to 5 describe the connection of the interfaces in detail:

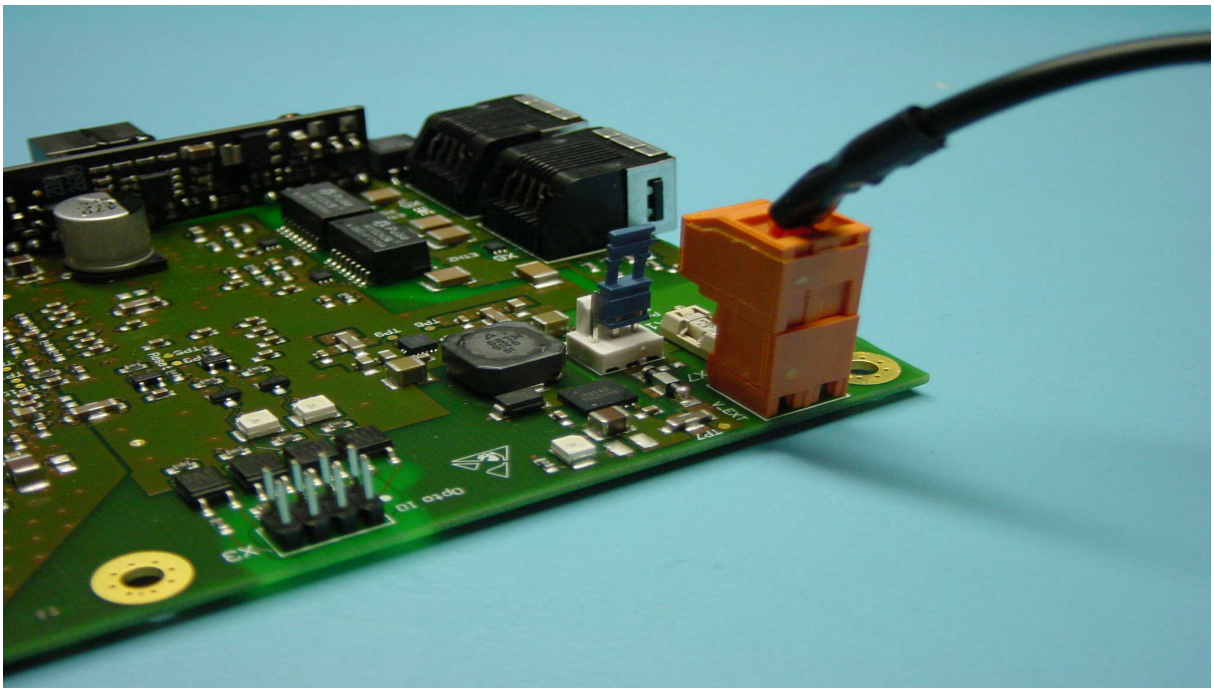

Figure 3: Power connector and jumper setting

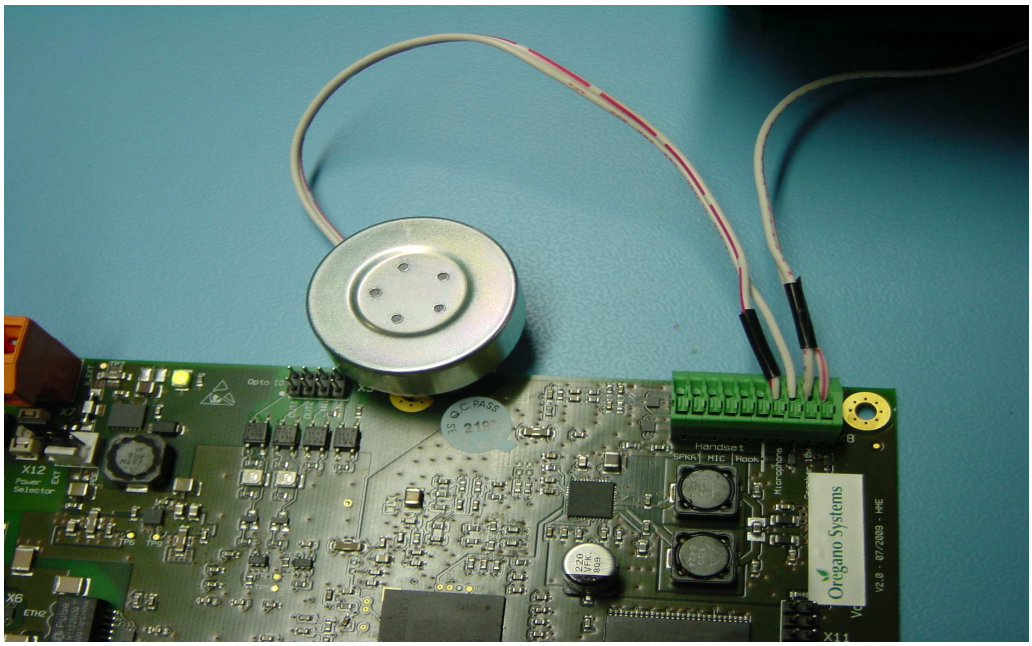

Figure 4: Connecting microphone and speaker

Copyright © 2009-2012 Oregano Systems

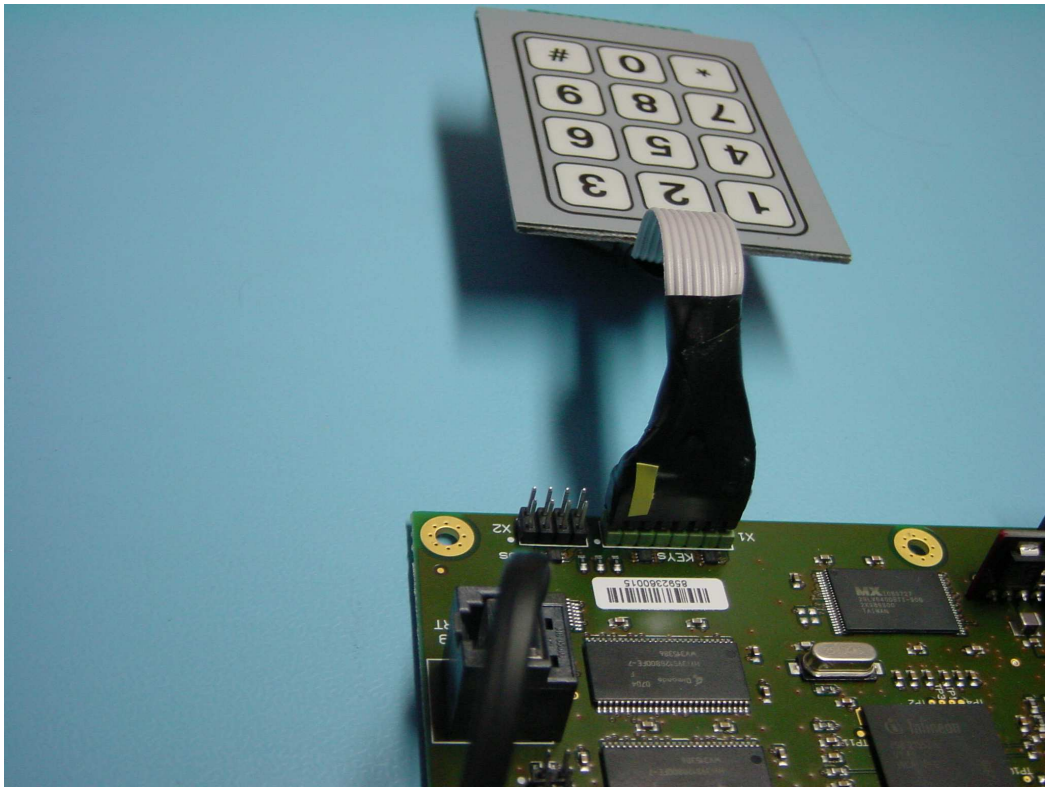

Figure 5: Connecting keyboard and serial interface

4. Additional Information

- Figure 3 shows a Jumper setting which is responsible for the choice of the used supply (external or poe). In this figure the jumper connects pin 2 and 3 of the connector X12. In this configuration the board uses the external power supply.
- Speaker: “+” is at pin 2, “-“ is at pin 1 of the connector X8
- Microphone: “+” is at pin 3, “-“ is at pin 4 of the connector X8

Copyright © 2009-2012 Oregano Systems